SHEAR FIXTURES

Reinforcing Steel Weld Shear Fixture EN 10080

Weld shear fixture for welded reinforcing steel per EN 10080



OVERVIEW

A shear test fixture for welded joints in weldable reinforcing steel to DIN EN 10080. A holder accepts interchangeable inserts with 6 mm or 9 mm bores and test angles of 40°, 50°, 60° and 70°, so the weld can be loaded at the required angle. The fixture is rated to 50 kN and connects by a Ø 40 mm female clevis.

KEY FEATURES

- Conforms to DIN EN 10080 weld shear testing
- Interchangeable inserts for 6 mm and 9 mm bars
- Test angles of 40°, 50°, 60° and 70°
- Rated to 50 kN maximum test load
- Holder and inserts made of nickel-plated steel

TECHNICAL SPECIFICATIONS

Test type	Shear of welded reinforcing steel joints
Max. load	50 kN
Insert bores	6 mm and 9 mm
Test angles	40°, 50°, 60°, 70°
Coupling	Female clevis, Ø 40 mm pin
Material	Steel, nickel-plated
Temperature range	Ambient

AVAILABLE VERSIONS

Holder	Accepts all inserts
Inserts Ø 6 mm	Angles 40°, 50°, 60°, 70°
Inserts Ø 9 mm	Angles 40°, 50°, 60°, 70°

APPLICATIONS

- Welded reinforcing steel
- Reinforcement mesh
- Rebar cages
- Construction materials labs

STANDARDS EN 10080

Ordering & customization: Specify bar diameter, required test angles and the machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-SF-050